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(71) Applicant (for all designated States except US): **THE TRUSTEES OF BOSTON UNIVERSITY** [US/US];  
One Sherborn Street, Boston, MA 02218 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **CANTOR, Charles, R.** [US/US]; 526 Stratford Court, #E, Del Mar, CA 92014 (US). **DING, Chunming** [CN/CN]; The Chinese University of Hong Kong, Flat 6B, University Residence 11, Shatin, N.T., Hong Kong (CN).

(74) Agents: **EISENSTEIN, Ronald, I.** et al.; Nixon Peabody LLP, 101 Summer Street, Boston, MA 02110 (US).

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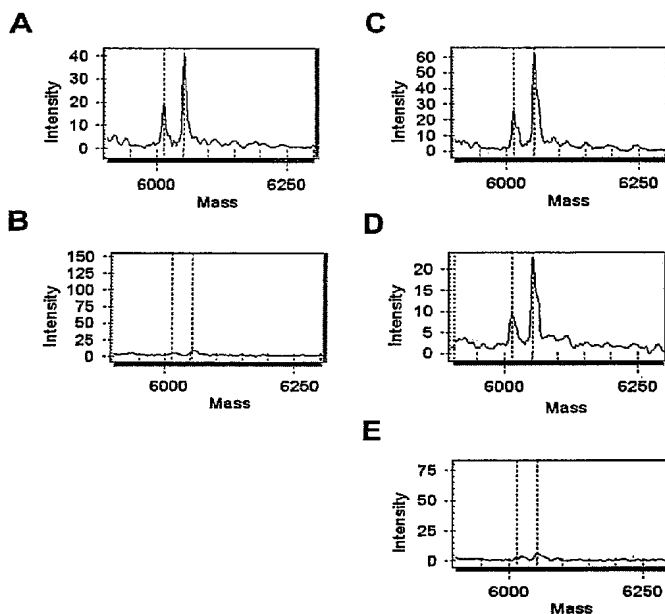
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(54) Title: METHOD FOR DETECTING AND QUANTIFYING RARE MUTATIONS/POLYMORPHISMS



(57) Abstract: The present invention is directed to a method for detecting and quantifying rare mutations in a nucleic acid sample. The nucleic acid molecules under investigation can be either DNA or RNA. The rare mutation can be any type of functional or non-functional nucleic acid change or mutation, such as deletion, insertion, translocation, inversion, one or more base substitution or polymorphism. Therefore, the methods of the present invention are useful in detection of rare mutations in, for example, diagnostic, prognostic and follow-up applications, when the targets are rare known nucleic acid variants mixed in with the wildtype or the more common nucleic acid variant(s).



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